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**Department of Forensic Science
Breath Alcohol Section
Instrument Location History
1/1/1990 To 7/10/2014**

Instrument Serial Number: 010590

As of 10-Jul-14

Start Date	End Date	Agency Name
09-Jul-14		Hampton PD
12-Jun-14	09-Jul-14	DFS Central Lab
07-Jan-09	12-Jun-14	Charles City County SO
04-Aug-08	07-Jan-09	DFS Central Lab

INTOX EC/IR II

Quality Assurance Worksheet

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Instrument Serial Number **010590** Worksheet Start Date **7/9/2014**

Location **Hampton ADC**

Address **236 N King St, Hampton VA 23669**

DFS Technician **Sarah Dersch** License No. **24178**

☐ Laboratory ☒ On-Site

Site Specification: No detrimental environmental conditions exist. ☒

Instrument Barometer (mm HG) **759** Reference Barometer (mm HG) **759**

Reference Barometer(RB)Serial # **009111** RB Calibration Due **5/19/2015**

Measurement Assurance Check

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.303
0.300	0.300	0.291	0.309	Sample 2	0.302
Precision		sample min	sample max	Sample 3	0.302
0.001		0.302	0.303		

Standard (sea level)	PA Target	minimum	maximum	Sample 1	0.100
0.100	0.100	0.097	0.103	Sample 2	0.100
Precision		sample min	sample max	Sample 3	0.100
0		0.100	0.100		

Dry gas standard Lot No. (with tank no.) **AG407801-08**

☐ Replaced dry gas standard (+O-ring)

☒ Installed at Location

☐ Removed to DFS-Central

Supplies

Mouthpieces

Certificates of Analysis

Operator Worksheet

Other:

175

175

3 pkt

Notes:

Instrument Serial Number

010590

Certification Date

☐ Calibrated☐ Certified☒ Measurement Assurance Check☒ Instrument Test☐ Troubleshooting/Maintenance Worksheet Completed

(Successful completion denotes satisfactory condition of the item.)

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.250		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.150		0.000	0.000	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.080		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

Standard (sea level)	PA Target	minimum	maximum	Sample 1
0.020		-0.003	0.003	Sample 2
Precision		sample min	sample max	Sample 3
0		0.000	0.000	

All measurements are in g/210L

Estimation of Uncertainty of Measurement and traceability records are located within the Breath Alcohol Section

DFS Technician

Date

7/15/14

Issuing Analyst

Date

7/15/14

red

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010590 Test Number: 307

Test Date: 07/09/2014 Test Time: 14:13 EDT

Dry Gas Target: 0.300

Lot Number: AG334603-04 Exp Date: 12/12/2015

Tank Pressure: 316 psi Barometric Pressure: 759 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:13
CHK	0.303	14:14
BLK	0.000	14:16
CHK	0.302	14:17
BLK	0.000	14:18
CHK	0.302	14:19

Test Status: *Success*

Calibration CRC: 7E86BACC

84

Intox EC/IR-II: Accuracy Check

Department of Forensic Science

Serial Number: 010590 Test Number: 308

Test Date: 07/09/2014 Test Time: 14:23 EDT

Dry Gas Target: 0.100

Lot Number: AG407801-08 Exp Date: 03/19/2016

Tank Pressure: 1120 psi Barometric Pressure: 758 mmHg

System Check: *Passed*

Test	g/210L	Time
BLK	0.000	14:25
CHK	0.100	14:25
BLK	0.000	14:27
CHK	0.100	14:27
BLK	0.000	14:29
CHK	0.100	14:29

Test Status: *Success*

Calibration CRC: 7E86BACC

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COMMONWEALTH OF VIRGINIA
DEPARTMENT OF FORENSIC SCIENCE

CERTIFICATE OF BLOOD ALCOHOL ANALYSIS
AS DETERMINED BY A CHEMICAL TEST OF THE ACCUSED'S BREATH

NAME OF ACCUSED INSTRUMENT, TEST,	NAME OF COURT DFS
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BREATH ANALYSIS

SAMPLE EXAMINED AND TEST CONDUCTED BY DERSCH, SARAH, E		AGENCY DFS Central Lab
DFS LICENSE NUMBER 24178	LICENSE EXPIRES 10/01/2014	DATE TEST CONDUCTED 07/09/2014
TEST EQUIPMENT NUMBER 010590		

RESULTS: TIME SAMPLE TAKEN 14:37 EDT
SAMPLE'S ALCOHOL CONTENT 0.00 GRAMS PER 210 LITERS OF BREATH

ATTEST:

I CERTIFY THAT THE ABOVE IS AN ACCURATE RECORD OF THE TEST CONDUCTED; THAT THE TEST WAS CONDUCTED WITH THE TYPE OF EQUIPMENT AND IN ACCORDANCE WITH THE METHODS APPROVED BY THE DEPARTMENT OF FORENSIC SCIENCE; THAT THE TEST WAS CONDUCTED IN ACCORDANCE WITH THE DEPARTMENT'S SPECIFICATIONS; THAT PRIOR TO ADMINISTRATION OF THE TEST THE ACCUSED WAS ADVISED OF HIS RIGHT TO OBSERVE THE PROCESS AND SEE THE BLOOD ALCOHOL READING ON THE EQUIPMENT USED TO PERFORM THE BREATH TEST, AND THAT I POSSESS A VALID LICENSE TO CONDUCT SUCH TEST, GIVEN UNDER MY HAND THIS _____ DAY OF _____, 20_____.

BREATH TEST OPERATOR

☐ I HAVE RECEIVED A COPY OF THIS CERTIFICATE OF ANALYSIS _____
SUBJECT'S SIGNATURE

☐ SUBJECT REFUSED TO SIGN FOR COPY OF CERTIFICATE OF ANALYSIS _____
OPERATOR'S SIGNATURE



IntoxNet MIS Report

Report Generated 10 Jul 2014 at 09:23

W

Test Results

Instrument Serial Number 010590

Test # 000309 Subject Test

Test Location 1 Department of
Test Date 09 Jul 2014

Test Location 2 Forensic Science
Test Time 14:31
Remote/Local Local

Test Location 3
System Check Passed

Operator's Last Name DERSCH
Agency DFS Central Lab

Operator's First Name SARAH

License Number 24178
Operator's Middle Initial E

Card Serial Number 124178

Effective Date 10/01/2012

Expiration Date 10/01/2014

Subject's Last Name INSTRUMENT

Subject's First Name TEST

Subject's Middle Initial

Subject's Date of Birth 00/00/0000

Subject's Sex Male

Driver's License Number

Driver's License Expiration 00/00/0000

Driver's License State

Court Name DFS

End Date 09 Jul 2014 End Time 14:38

Result Time 14:37

Result Date 09 Jul 2014 Result 0.00

Data Type DIAG

Sample Value Pass

Sample Time 14:31

Data Type BLK

Sample Value 0.000

Sample Time 14:32

Data Type CHK

Sample Value 0.100

Sample Time 14:33

Data Type BLK

Sample Value 0.000

Sample Time 14:34

Data Type SUBJ

Sample Value 0.000

Sample Time 14:35

Data Type BLK

Sample Value 0.000

Sample Time 14:36

Data Type SUBJ

Sample Value 0.000

Sample Time 14:37

Data Type BLK

Sample Value 0.000

Sample Time 14:38

Standard Type Dry Gas Std

Standard Value 0.100

Standard Lot Number AG407801-08

Standard Expiration Date 03/19/2016

Tank Pressure 1120

Barometric Pressure 758 mmHg

Blow Sample Number 1 Blow Duration 2.56 sec

Blow Volume 1932 cc End-of-Blow Time 14:35

Blow Sample Number 2 Blow Duration 4.21 sec

Blow Volume 2372 cc End-of-Blow Time 14:37

Tamper Evident Stamp 3583e84c

Test Status Code 0

Test Status Success